Mara A Garca-Robles

List of Publications by Citations

35 papers	614 citations	14 h-index	24 g-index
38 ext. papers	800 ext. citations	5.4 avg, IF	3.59 L-index

#	Paper	IF	Citations
35	Glucose increases intracellular free Ca(2+) in tanycytes via ATP released through connexin 43 hemichannels. *Glia*, **2012**, 60, 53-68	9	121
34	MCT expression and lactate influx/efflux in tanycytes involved in glia-neuron metabolic interaction. *PLoS ONE*, **2011**, 6, e16411	3.7	58
33	The role of tanycytes in hypothalamic glucosensing. *Journal of Cellular and Molecular Medicine*, **2015**, 19, 1471-82	5.6	56
32	MCT2 expression and lactate influx in anorexigenic and orexigenic neurons of the arcuate nucleus. *PLoS ONE*, **2013**, 8, e62532	3.7	40
31	Inhibition of hypothalamic MCT1 expression increases food intake and alters orexigenic and anorexigenic neuropeptide expression. *Scientific Reports*, **2016**, 6, 33606	4.9	33
30	Dynamic localization of glucokinase and its regulatory protein in hypothalamic tanycytes. *PLoS ONE* , **2014**, 9, e94035	3.7	28
29	Hypothalamic Neurogenesis as an Adaptive Metabolic Mechanism. *Frontiers in Neuroscience*, **2017**, 11, 190	5.1	25
28	Glial hypothalamic inhibition of GLUT2 expression alters satiety, impacting eating behavior. *Glia*, **2018**, 66, 592-605	9	25
27	Adenovirus-mediated suppression of hypothalamic glucokinase affects feeding behavior. *Scientific Reports*, **2017**, 7, 3697	4.9	19
26	HIF1□dependent metabolic reprogramming governs mesenchymal stem/stromal cell immunoregulatory functions. *FASEB Journal*, **2020**, 34, 8250-8264	0.9	19
25	Connexin-43 Gap Junctions Are Responsible for the Hypothalamic Tanycyte-Coupled Network. *Frontiers in Cellular Neuroscience*, **2018**, 12, 406	6.1	19
24	SVCT2 transporter expression is post-natally induced in cortical neurons and its function is regulated by its short isoform. *Journal of Neurochemistry*, **2014**, 130, 693-706	6	16
23	Typical and atypical stem cells in the brain, vitamin C effect and neuropathology. *Biological Research*, **2012**, 45, 243-56	7.6	15
22	Metabolic strategies for the degradation of the neuromodulator agmatine in mammals. *Metabolism: Clinical and Experimental*, **2018**, 81, 35-44	12.7	15
21	Human choroid plexus papilloma cells efficiently transport glucose and vitamin C. *Journal of Neurochemistry*, **2013**, 127, 403-14	6	14
20	Dynamic expression of the sodium-vitamin C co-transporters, SVCT1 and SVCT2, during perinatal kidney development. *Histochemistry and Cell Biology*, **2013**, 139, 233-47	2.4	13
19	Clinical and experimental approaches to knee cartilage lesion repair and mesenchymal stem cell chondrocyte differentiation. *Biological Research*, **2013**, 46, 441-51	7.6	13

18	Functional analysis of the Mn requirement in the catalysis of ureohydrolases arginase and agmatinase - a historical perspective. *Journal of Inorganic Biochemistry*, **2020**, 202, 110812	4.2	12
17	SALL2 represses cyclins D1 and E1 expression and restrains G1/S cell cycle transition and cancer-related phenotypes. *Molecular Oncology*, **2018**, 12, 1026-1046	7.9	11
16	Mammalian agmatinases constitute unusual members in the family of Mn-dependent ureahydrolases. *Journal of Inorganic Biochemistry*, **2017**, 166, 122-125	4.2	8
15	Superoxide-dependent uptake of vitamin C in human glioma cells. *Journal of Neurochemistry*, **2013**, 127, 793-804	6	7
14	The FGF2-induced tanycyte proliferation involves a connexin 43 hemichannel/purinergic-dependent pathway. *Journal of Neurochemistry*, **2021**, 156, 182-199	6	7
13	Cloning of two LIMCH1 isoforms: characterization of their distribution in rat brain and their agmatinase activity. *Histochemistry and Cell Biology*, **2016**, 145, 305-13	2.4	6
12	Inhibition of Hypothalamic MCT4 and MCT1-MCT4 Expressions Affects Food Intake and Alters Orexigenic and Anorexigenic Neuropeptide Expressions. *Molecular Neurobiology*, **2020**, 57, 896-909	6.2	6
11	The ATP synthase inhibition induces an AMPK-dependent glycolytic switch of mesenchymal stem cells that enhances their immunotherapeutic potential. *Theranostics*, **2021**, 11, 445-460	12.1	6
10	Molecular Characteristics, Regulation, and Function of Monocarboxylate Transporters. *Advances in Neurobiology*, **2017**, 16, 255-267	2.1	5
9	Lactate activates hypothalamic POMC neurons by intercellular signaling. *Scientific Reports*, **2021**, 11, 21644	4.9	5
8	Association of the dopamine D2 receptor rs1800497 polymorphism with food addiction, food reinforcement, and eating behavior in Chilean adults. *Eating and Weight Disorders*, **2021**, 1	3.6	4
7	When a Little Bit More Makes the Difference: Expression Levels of GKRP Determines the Subcellular Localization of GK in Tanycytes. *Frontiers in Neuroscience*, **2019**, 13, 275	5.1	3
6	Glucose Increase DAGL□Levels in Tanycytes and Its Inhibition Alters Orexigenic and Anorexigenic Neuropeptides Expression in Response to Glucose. *Frontiers in Endocrinology*, **2019**, 10, 647	5.7	3
5	Insights into the Mn Binding Site in the Agmatinase-Like Protein (ALP): A Critical Enzyme for the Regulation of Agmatine Levels in Mammals. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	1
4	Tympanic Membrane Rupture During Stereotaxic Surgery Disturbs the Normal Feeding Behavior in Rats. *Frontiers in Behavioral Neuroscience*, **2020**, 14, 591204	3.5	1
3	GKRP-dependent modulation of feeding behavior by tanycyte-released monocarboxylates.. *Theranostics*, **2022**, 12, 1518-1536	12.1	0
2	Insights on the participation of Glu256 and Asp204 in the oligomeric structure and cooperative effects of human arginase type I. *Journal of Structural Biology*, **2020**, 211, 107533	3.4	0
1	Purinergic signaling in tanycytes and its contribution to nutritional sensing. *Purinergic Signalling*, **2021**, 1	3.8	0